

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) ~~Vehicle control system (10), capable of controlling a number of controllable motor vehicle subsystems (30-80) according to at least two preset vehicle operating modes, the control system comprises~~ A vehicle control system, comprising:

a central control unit (20) for controlling ~~[[the]]~~ a plurality of motor vehicle subsystems (30-80) according to at least two preset vehicle operating modes selected from a leisure mode, an economy mode, a sport mode, an off-road mode, a heavy-load mode, a zero emission mode or a parking mode;[[[, and]]

a driver interface (90) with an input arrangement (92) and an output arrangement (94) for selecting the operating mode; and ~~, characterized in that it comprises at least one sensor~~

a plurality of sensors (100-130) for registering current operating conditions, the plurality of sensors including at least one load sensor (100) and at least one towing sensor (110), wherein ~~and that~~ the central control unit (20) is arranged to limit access to at least one of the preset operating modes in response to an output value from at least one sensor of the plurality of sensors (100-130).

2. (canceled)

3. (canceled)

4. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 1, ~~characterized in that it comprises~~ further comprising at least one speed sensor (120) arranged to give a signal corresponding to the speed of the vehicle.

5. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 1, ~~characterized in that it comprises~~ further comprising at least one tilting sensor (120) arranged to register tilting of the vehicle.

6. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 1, ~~characterized in that it comprises~~ further comprising at least one controllable accessory system (140-180) and that the central control unit (20) is arranged to limit access to at least one of the preset operating modes in response to a mode of operation of at least one said accessory system (140-180).

7. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 6, ~~characterized in that it~~

~~comprises~~ further comprising a controllable accessory system in the form of a foldable towing hook (140).

8. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 6, ~~characterized in that~~ wherein the controllable accessory system is in the form of a foldable roof rack (150).

9. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 1, wherein one of the preset vehicle operating modes is ~~[[a]]~~ the sport mode, ~~characterized in that~~ and the sport mode is not selectable when ~~[[the]]~~ a load registered by the at least one load sensor ~~sensors~~ (100) exceeds a preset load limit, nor when the towing sensor ~~[[110]]~~ (110) indicates that there is a trailer hooked onto ~~[[the]]~~ a towing hook.

10. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 1, wherein one of the preset vehicle operating modes is ~~[[a]]~~ the heavy-load mode, ~~characterized in that~~ and the heavy-load mode is automatically selected when ~~[[the]]~~ a load registered by the at least one load sensor ~~sensors~~ ~~[[100]]~~ (100) exceeds a preset load limit, and when the towing sensor ~~[[110]]~~ (110) indicates that there is a trailer hooked onto ~~[[the]]~~ a towing hook.

11. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 1, wherein one of the preset vehicle operating modes is ~~[[an]]~~ the off-road mode, ~~characterized in that~~ and the vehicle control system ~~[[10]]~~ (10), in off-road mode, prevents further acceleration when ~~[[the]]~~ a speed registered by ~~[[the]]~~ a speed sensor ~~[[120]]~~ (120) reaches a predefined speed limit, and that the off-road mode is locked when ~~[[the]]~~ a tilting angle registered by ~~[[the]]~~ a tilting sensor ~~[[130]]~~ (130) exceeds a predetermined value.

12. (currently amended) ~~Vehicle~~ The vehicle control system (10) according to claim 1, ~~characterized in that~~ wherein the output arrangement (94) is integrated with a dashboard ~~[[of]]~~ display ~~type~~, and ~~in that the~~ a dashboard-image is mode-adapted for each preset operating mode.

13. (currently amended) ~~Automobile, characterized in that it comprises a~~ An automobile, comprising the vehicle control system (10) according to claim 1.

14-20. (canceled)

21.(currently amended) ~~Method~~ A method of operating a vehicle control system (10), ~~capable of controlling a number of controllable motor vehicle subsystems according to at least two~~

~~preset vehicle operating modes, the control system (10) comprises a central control unit (20) for controlling the motor vehicle subsystems, and a driver interface (90) for selecting operating mode, characterized by the step of, comprising:~~

providing the vehicle control system, the vehicle control system including:

a central control unit (20) for controlling a plurality of motor vehicle subsystems (30-80) according to at least two preset vehicle operating modes selected from a leisure mode, an economy mode, a sport mode, an off-road mode, a heavy-load mode, a zero emission mode or a parking mode,

a driver interface (90) with an input arrangement (92) and an output arrangement (94) for selecting the operating mode, and

a plurality of sensors (100-130) for registering current operating conditions, the plurality of sensors including at least one load sensor (100) and at least one towing sensor (110), wherein the central control unit (20) is arranged to limit access to at least one of the preset operating modes in response to an output value from at least one sensor of the plurality of sensors (100-130); and

limiting possible mode selections in accordance with a number of preset operation rules.

22.(currently amended) ~~Method~~ The method according to claim 21, ~~characterized by the step of~~ further comprising:

registering current operating condition using the at least one sensor (100-130), and ~~in that~~ at least one operation rule limits access to at least one of the preset operating modes in response to an output value from the at least one sensor (100-130).

23. (new) An automobile, comprising:

a vehicle control system, the vehicle control system comprising:

a central control unit (20) for controlling a plurality of motor vehicle subsystems (30-80) according to at least two preset vehicle operating modes selected from a leisure mode, an economy mode, a sport mode, an off-road mode, a heavy-load mode, a zero emission mode or a parking mode;

a driver interface (90) with an input arrangement (92) and an output arrangement (94) for selecting the operating mode; and a plurality of sensors (100-130) for registering current operating conditions, the plurality of sensors including at least one load sensor (100) and at least one towing sensor (110) adapted to sense an electrically foldable towing hook (140),

wherein the central control unit (20) is arranged to limit access to at least one of the preset operating modes in response to an output value from at least one sensor of the plurality of sensors (100-130).